

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
12071-003001Application No.
09/891,823**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

Applicant
John R. Neefe et al.Filing Date
June 26, 2001Group Art Unit
1615

(37 CFR § 1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
A>	AA	4,716,038	12/29/1987	Stanford et al.	424	92	
	AB	4,724,144	02/09/1988	Rook et al.	424	93	
	AC	4,918,166	04/17/1990	Kingsman et al.	530	350	
	AD	5,114,844	05/19/1992	Cohen et al.	435	7	
	AE	5,348,945	09/20/1994	Berberian et al.	514	21	
	AF	5,504,005	04/02/1996	Bloom et al.	435	253	
	AG	5,578,300	11/26/1996	Schmidt et al.	424	78.08	
	AH	5,580,563	12/03/1996	Tam	424	197	
	AI	5,599,545	02/04/1997	Stanford et al.	424	282.1	
	AJ	5,736,146	04/07/1998	Cohen et al.	424	197.11	
	AK	5,750,119	05/12/1998	Srivastava	424	277.1	
	AL	5,830,464	11/03/1998	Srivastava	424	93.71	
	AM	5,837,251	11/17/1998	Srivastava	424	193.1	
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	AY	6,048,530	04/11/2000	Srivastava	424	193.1	
	AZ	6,130,087	10/10/2000	Srivastava et al.	435	372.3	
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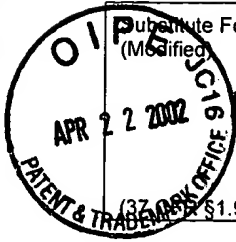
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	AEE	6,162,436	12/19/2000	Srivastava	424	193.1	
	AFF	6,168,793	01/02/2001	Srivastava	424	193.1	
	AGG	6,187,312	02/13/2001	Srivastava	424	193.1	
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	AII	6,335,183	01/01/2002	Young et al.	435	69.7	
	AJJ	6,338,952	01/15/2002	Young et al.	435	69.7	

Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
AR	AKK	WO 85/05034	11/21/1985	PCT				
	ALL	WO 88/00974	02/11/1988	PCT				
	AMM	WO 88/05823	08/11/1988	PCT				
	ANN	WO 88/06591	09/07/1988	PCT				
	AOO	WO 89/12455	12/28/1989	PCT				
	APP	WO 90/15873	12/27/1990	PCT				
	AQQ	WO 91/02542	03/07/1991	PCT				
	ARR	WO 91/15572	10/17/1991	PCT				
	ASS	WO 92/08484	05/29/1992	PCT				
	ATT	WO 92/08488	05/29/1992	PCT				
	AUU	WO 93/17712	09/16/1993	PCT				
	AVV	WO 94/03208	02/17/1994	PCT				
	AWW	WO 94/29459	12/22/1994	PCT				
	AXX	WO 95/24923	09/21/1995	PCT				
	AYY	WO 95/31994	11/30/1995	PCT				

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AS	AZZ	WO 96/10421	04/11/1996	PCT				
	AAAA	WO 96/19496	06/27/1996	PCT				
	ABBB	WO 96/26277	08/29/1996	PCT				
	ACCC	WO 97/06821	02/27/1997	PCT				
	ADDD	WO 97/26910	07/31/1997	PCT				
	AEEE	WO 98/23735	06/04/1998	PCT				
	AFFF	WO 98/35705	08/20/1998	PCT				
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	AHHH	WO 00/19828	04/13/2000	PCT				
	AIII	WO 00/23093	04/27/2000	PCT				
	AJJJ	WO 01/04344	01/18/2001	PCT				
	AKKK	WO 01/17554	03/15/2001	PCT				
	ALLL	WO 01/52791	07/26/2001	PCT				
	AMMM	WO 01/52877	07/26/2001	PCT				
	ANNN	WO 01/52890	07/26/2001	PCT				
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	ATTT	Anthony et al., "Priming of CD8 ⁺ CTL Effector Cells In Mice By Immunization With a Stress Protein-Influenza Virus Nucleoprotein Fusion Molecule", VACCINE, 17:373-383 (1999)
	AUUU	Ardeshir et al., "A 75 Kd Merozoite Surface Protein of Plasmodium Falciparum which is Related to the 70 kd Heat-Shock Proteins," EMBO J., 6(2):493-499 (1987)

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	AWWW	Arrigo and Welch, "Characterization and Purification of the Small 28,000-Dalton Mammalian Heat Shock Protein", J. BIOL. CHEM., 262(32):15359-15369 (1987)
	AXXX	Barrios et al., "Heat shock proteins as carrier molecules: <i>in vivo</i> helper effect mediated by <i>Escherichia coli</i> GroEL and DnaK proteins requires cross-linking with antigen," CLIN. EXP. IMMUNOL., 98:229-233 (1994)
	AYYY	Barrios et al., "Mycobacterial heat-shock proteins as carrier molecules. II: The use of the 70-kDa mycobacterial heat-shock protein as carrier for conjugated vaccines can circumvent the need for adjuvants and <i>Bacillus Calmette Guerin</i> priming," EUR. J. IMMUNOL., 22:1365-1372 (1992)
	AZZZ	Beech et al., "CD4+ Th2 cells specific for mycobacterial 65-kilodalton heat shock protein protect against pristane-induced arthritis," J. IMMUNOL. 159:3692-3697 (1997)
	AAAAA	Bennett et al., "Help for Cytotoxic-T-cell Responses is Mediated by CD40 Signalling," NATURE 393:478-480 (June 4, 1998)
	ABBBB	Bertelli et al., "BCG-Induced Resistance in <i>Trypanosoma cruzi</i> Experimental Infections," TROPENMED PARASITOL, 32:93-96 (1981)
	ACCCC	Birk et al., "T-cell autoimmunity in type 1 diabetes mellitus," CURR. OPIN. IMMUNOL., 5:903-909 (1993)
	ADDDD	Blachere et al., "Heat Shock Protein-Peptide Complexes, Reconstituted in Vitro, Elicit Peptide-specific Cytotoxic T Lymphocyte Response and Tumor Immunity," J. EXP. MED. 186(8):1315-1322 (October 20, 1997)
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	AFFFF	Borysiewicz et al., "A recombinant vaccinia virus encoding human papillomavirus types 16 and 18, E6 and E7 proteins as immunotherapy for cervical cancer," LANCET, 347:1523-27 (1996)
	AGGGG	Breloer et al., "In Vivo and In Vitro Activation of T Cells After Administration of Ag-Negative Heat Shock Proteins," J. OF IMMUN. 162:3141-3147 (1999)
	AHHHH	Butini et al., "Comparative Analysis of HIV-specific CTL Activity in Lymphoid Tissue and Peripheral Blood," J. CELL BIOCHEM. SUPPL. 18B Abstract J306 (1994)
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	AJJJJ	Cassell et al., "A Phase II Study on the Postsurgical Management of Stage Malignant Melanoma With a Newcastle Disease Virus Oncolysate," CANCER, 52:856-860 (Sep. 1983)
	AKKKK	Cassell et al., "Viral Oncolysate in the Management of Malignant Melanoma, I. Preparation of the Oncolysate and Measurement of Immunologic Responses" CANCER, 40:672-679 (Aug. 1977)

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AS	ALLLL	Catelli et al., "The common 90-kd protein component of non-transformed '8S' steroid receptors is a heat-shock protein", EMBO J., 4(12):3131-3135 (1985)
	AMMMM	Chandrasekhar et al., "Purification and Properties of the groES Morphogenetic Protein of Escherichia coli", J. BIOL. CHEM., 261(26):12414-12419 (1986)
	ANNNN	Chen et al., "Human 60-kDa Heat-Shock Protein: A Danger Signal to the Innate Immune System," J. OF IMMUNOL. 162:3212-3219 (1999)
	AOOOO	Chu et al., "Cancer Immunotherapy Using Adjuvant-free, Fusion Protein Encoding M. bovis BCG HSP65 and HPV16 E7", FASEB JOURNAL, 12(5):A909 (March 20, 1998)
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	AXXXX	Del Giudice et al., "Priming to Heat Shock Proteins in Infants Vaccinated against Pertussis," J. IMMUNOL., 150(5):2025-2032 (1993)
	AYYYY	DeNagel et al., "Heat shock proteins in Immune Responses," CRIT. REV. IMMUNOL., 13(1):71-81 (1993)
	AZZZZ	Doherty et al, Evasion of host immune responses by tumours and viruses, "Vaccines against virally induced cancers," Wiley, Chicester (Ciba Foundation Symposium 187), pp. 245-260. See page 245, Abstract
	AAAAAA	DuBois et al., "Isolation of a Tumor-Associated Transplantation Antigen (TATA) From an SV40-Induced Sarcoma. Resemblance to the TATA of Chemically Induced Neoplasms," INT. J. CANCER, 34:561-566 (1984)
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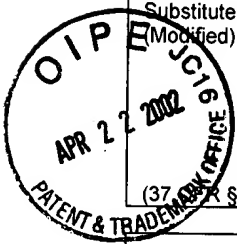
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	ACCCCC	Elias et al., "Induction and therapy of autoimmune diabetes in the non-obese diabetic (NOD/Lt) mouse by a 65-kDa heat shock protein," PROC. NATL. ACAD. SCI. USA, 87:1576-1580 (1990)
	ADDDDD	Falk et al., "Cell Mediated Immunity to Human Tumors," ARCH. SURG., 107:261-265 (Aug. 1973)
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	AGGGGG	Fox, "No Winners Against AIDS", BIOTECHNOLOGY, 12:128 (1994)
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	AQQQQQ	Hudson et al., "Active Specific Immunotherapy for Ovarian Cancer," THE LANCET, 2:877-879 (Oct. 23, 1976)
	ARRRRR	Hughes et al., "A Study in Clinical Cancer Immunotherapy," CANCER, 26:269-278 (Aug. 1970)
	ASSSSS	Humphrey et al., "Adjuvant Immunotherapy for Melanoma," J. OF SUR. ONCOL., 25:303-305 (1984)
	ATTTTT	Hunt and Calderwood, "Characterization and Sequence of a Mouse hsp70 Gene and Its Expression in Mouse Cell Lines," GENE 87:199-204 (1990)

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<i>A</i>	AUUUUU	Husson and Young, "Genes for the major protein antigens of Mycobacterium tuberculosis: The etiologic agents of tuberculosis and leprosy share an immunodominant antigen," PROC. NATL. ACAD. SCI. USA, 84:1679-1683 (1987).
	AVVVVV	Huygen et al., "Spleen cell cytokine secretion in Mycobacterium bovis BCG-infected mice," INFECTION AND IMMUNITY, 60(7):2880-2886 (1992)
	AWWWWW	Jacquier-Sarlin, "Protective effects of hsp70 in inflammation," EXPERIENTIA, 50(11-12):1031-1038 (1994)
	AXXXXX	Jarecki-Black et al., "The Effect of BCG-Vaccine Upon Experimental Visceral Leishmaniasis in Hampsters," ANN. CLIN. LAB. SCI., 14:464-466 (1984)
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	AJJJJJJ	Layton et al., Induction of HIV-Specific Cytotoxic T lymphocytes In Vivo with Hybrid HIV-1 V3-Ty-Virus-Like-Particles, J. IMMUNOLOGY, 151(2):1097-1107 (Jul. 1993)
<i>✓</i>	AKKKKKK	Leung et al., "The immunobiology of heat shock proteins," J. INVESTIG. ALLERGOL. CLIN. IMMUNOL., 1(1):23-30, (1991)

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A)	ALLLLLL	Levi et al., "Synthetic recombinant influenza vaccine induces efficient long-term immunity and cross-strain protection," VACCINE, 14:85-92 (1996)
	AMMMMMM	Li and Srivastava, "Tumor Rejection Antigen gp96/grp94 is an ATPase: Implications for Protein Folding and Antigen Presentation," THE EMBO JOURNAL, 12(8):3143-3151 (1993)
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Examiner Signature <i>Aw 8</i>	Date Considered <i>10/9/02</i>
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Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
12071-003001Application No.
09/891,823**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant
John R. Neefe et al.Filing Date
June 26, 2001Group Art Unit
1615**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
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A	ARRRRRRR	Srivastava and Old, "Individually Distinct Transplantation Antigens of Chemically Induced Mouse Tumors," IMMUNOLOGY TODAY, 9:78-83 (Mar. 1988)
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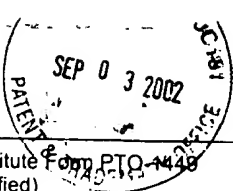
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		Applicant John R. Neefe <i>et al.</i>	
		Filing Date June 26, 2001	Group Art Unit 1648

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
A1	AB	WO 98/04706	02/05/98	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
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A1	AC	Roden <i>et al.</i> , "Minor Capsid Protein Of Human Genital Papillomaviruses Contains Subdominant, Cross-Neutralizing Epitopes", VIROLOGY, 270:254-257 (2000)
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